

ABSTRACT OF THE DISCLOSURE

The wide area object and large capacity tracking system comprises a plurality of tags to be attached to an object to be tracked and
5 being configured so as to generate and transmit a tag signal indicative of the object-related information, a tag-recording unit configured to program a tag's memory with object-related information pertaining to the object to which the tag is attached, a central server including a memory for storing the information stored to the tags; primary base stations, each being
10 coupled to the central server and being coupled to a pair of secondary base stations so as to define a tag detecting cell; each of the primary and secondary base stations being configured to receive tag signals, each yielding three received signals indicative of the location of a tag within the cell; and at least one portable control unit wirelessly coupled to the system
15 and being configured to receive tag signals and object-related information. The system allows determining both in which cell each tag is located and its precise location in the cell.

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